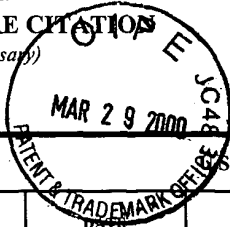


# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



Docket Number (Optional)

04558/039001

Application Number

09/462,109

Applicant(s)

Masahiko Hirose, et al.

Filing Date

December 30, 1999

Group Art Unit

1771

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
LR	A1	4,277,344	07/07/81	Cadotte	210	654	02/22/79
	A2	4,761,234	08/02/88	Uemura et al.	210	500.38	07/30/86
	A3	4,872,984	10/10/89	Tomaschke	210	500.38	09/28/88
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	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES NO
LR	A11	61-46203	03/06/86	Japan	1	1	✓
	A12	63-178805	07/22/88	Japan	1	1	✓
	A13	63-218208	09/12/88	Japan	1	1	✓
LR	A14	63-12310	01/19/88	Japan	1	1	✓

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LR	A16	Patent Abstracts of Japan, Publication No. 63178805 A, Date of Publication 07/22/88, 1 Page

EXAMINER

*Leanna Roche*

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# INFORMATION DISCLOSURE

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## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES NO

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<i>LR</i>	B1	Patent Abstracts of Japan, Publication No. 63218208 A, Publication Date 09/12/88, 1 Page
<i>LR</i>	B2	Patent Abstracts of Japan, Publication No. 63012310 A, Publication Date 01/19/88, 1 Page

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Docket Number (Optional)

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Application Number

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Applicant(s)

Masahiko HIROSE et al.

Filing Date

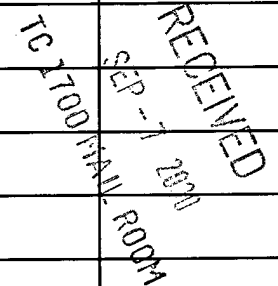
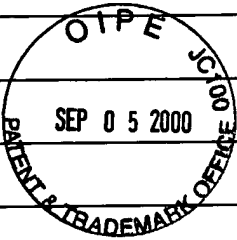
12/30/99

Group Art Unit

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LR	A1	4,340,480	07/20/1982	Pall et al.	210	490	10/20/80



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	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
LR	A2	0 316 525 A2	05/24/1989	European	—	—	X	

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	A3	Supplementary European Search Report, Application No. EP 98 92 9777, dated 07/31/00, 4 pages

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